

## In the Claims

This listing of claims will replace all prior versions and listings of claims in the application:

1 to 12. (Canceled)

13. (Previously Presented) A music system comprising:

a self-contained, portable music player including

a rechargeable battery pack for powering the music player,

an input device including at least a keypad for receiving user inputs;

an output device including a display;

a memory capable of storing digital music in at least one compressed digital format,

a data processor connected to said input device, said output device and said memory, said data processor programmed to decompress said digital music into uncompressed digital music samples,

an audio coder-decoder connected to said data processor for receiving said uncompressed digital music samples from said data processor and converting said uncompressed digital music samples into analog music,

a headset connector connected to said audio coder-decoder for supplying said analog music, and

a first base connector including

a first power connection connected to said rechargeable battery pack capable of receiving charging power, and

a player analog output connection connected to said audio coder-decoder for supplying said analog music, and

an analog input connection connected to said audio coder-decoder for receiving an analog input; and

a base unit including

- a second base connector including
  - a second power connection for connection to said first power connection,
  - an analog input connection for connection to said player analog output connection of said first base connector,
  - a base unit analog output connection for connection to said analog input connection of said first base connector,
  - a power source connected to said second power connection for supplying recharging power for said rechargeable battery pack,
  - a pre-amplifier having an input connected to said analog input connection and an output,
  - a power amplifier having an input connected to said output of said pre-amplifier and an output,
  - a tuner for receiving and demodulating analog audio signals, said tuner supplying said analog audio signals to said base unit analog output connection, and
  - a speaker system connected to said output of said power amplifier for reproducing sound corresponding to said output of said power amplifier,

wherein the music system operates in

- a portable mode wherein said self-contained, portable music player is disconnected from said base unit and powered by said rechargeable battery pack, enabling a user to listen to selected digital music stored in said memory via said headset connector earphone, and
- in a base mode wherein said self-contained, portable music player is connected to said base unit via said first base connector and said second base connector and powered from

60       said power source, enabling a user to listen to selected  
61       digital music stored in said memory via said speaker system of  
62       said base unit and enabling a user to listen to music from  
63       said tuner supplied to said analog input connection of said  
64       first base connector.

1       14.   (Previously Presented) The music system of claim 13,  
2   wherein:

3       said data processor is further programmed in cooperation with  
4       said input device enabling a user to enter volume control data via  
5       said keypad;

6       said first base connector further includes a volume data  
7       output connection for transmission of volume control data from the  
8       self-contained, portable music player;

9       said second base connector further includes a volume data  
10      input connection for connection to said volume data output  
11      connection; and

12      said pre-amplifier is further connected to said volume data  
13      input connection and producing an amount of amplification  
14      corresponding to the volume control data.

15 to 24.   (Canceled)

1       25.   (Previously Presented) A base unit for use with a self-  
2   contained, portable music player comprising:

3       a tuner for receiving and demodulating analog audio signals;  
4       a base connector including

5           a power connection,  
6           an analog input connection for receiving an analog input,  
7           a base unit analog output connection connected to said  
8       tuner to output demodulated analog audio signals;

9           a power source connected to said power connection for  
10 supplying recharging power for the self-contained, portable music  
11 player;  
12           a pre-amplifier having an input connected to said analog input  
13 connection and an output,  
14           a power amplifier having an input connected to said output of  
15 said pre-amplifier and an output, and  
16           a speaker system connected to said output of said power  
17 amplifier for reproducing sound corresponding to said output of  
18 said power amplifier.

1           26. (Previously Presented) The base unit of claim 25, wherein:  
2           said base connector further includes a volume data input  
3 connection for receiving of volume control data from the self-  
4 contained, portable music player;  
5           said pre-amplifier is further connected to said volume data  
6 input connection and producing an amount of amplification  
7 corresponding to the volume control data.

27 to 29. (Canceled)

1           30. (Previously Presented) The music system of claim 13,  
2 wherein:  
3           said self-contained, portable music player wherein  
4           said first base connector further includes a first  
5 digital data bus connection for bidirectional data exchange  
6 and  
7           said data processor being further connected to said first  
8 digital data bus connection of said base connector for  
9 communicating station selection data corresponding to inputs  
10 received from said input device via said first digital data  
11 bus connection to the base unit;  
12           said base unit wherein

13           said second base connector further includes a second  
14   digital data bus connection for connection to said first  
15   digital data bus connection for receiving digital data  
16   including station selection data, and  
17           said tuner being connected to said second digital data  
18   bus connection and further selecting a station corresponding  
19   to said station selection data.

1       31. (Previously Presented) The base unit of claim 25, wherein:  
2       said base connector further includes a digital data bus  
3   connection for receiving digital data including station selection  
4   data; and  
5       said tuner being connected to said digital data bus connection  
6   and further selecting a station corresponding to said station  
7   selection data.

1       32. (Previously Presented) The music system of claim 14,  
2   wherein:  
3       said base unit includes no volume control input.

1       33. (Previously Presented) The base unit of claim 26,  
2   wherein:  
3       said base unit includes no volume control input.

1       34. (Previously Presented) The music system of claim 30,  
2   wherein:  
3       said base unit includes no station selection input.

1       35. (Previously Presented) The base unit of claim 31,  
2   wherein:  
3       said base unit includes no station selection input.

1        36. (Previously Presented) A self-contained, portable music  
2 player comprising:  
3        a rechargeable battery pack for powering the music player;  
4        an input device including at least a keypad for receiving user  
5 inputs;  
6        an output device including a display;  
7        a memory capable of storing digital music in at least one  
8 compressed digital format;  
9        a data processor connected to said input device, said output  
10 device and said memory, said data processor programmed to  
11 decompress said digital music into uncompressed digital music  
12 samples, said data processor further programmed in cooperation with  
13 said input device enabling a user to enter volume control data via  
14 said keypad;  
15        an audio coder-decoder connected to said data processor for  
16 receiving said uncompressed digital music samples from said data  
17 processor and converting said uncompressed digital music samples  
18 into analog music;  
19        a headset connector connected to said audio coder-decoder for  
20 supplying said analog music; and  
21        a base connector including  
22            a power connection connected to said rechargeable battery  
23 pack capable of receiving charging power,  
24            an analog output connection connected to said audio  
25 coder-decoder for supplying said analog music for  
26 amplification and reproduction via speakers, and  
27            a volume control data output connection for transmission  
28 of volume control data from the self-contained, portable music  
29 player; and  
30        wherein the self-contained, portable music player operates in  
31            a portable mode disconnected from a base unit and powered  
32 by said rechargeable battery pack, enabling a user to listen

33 to selected digital music stored in said memory via said  
34 headset connector, and  
35 in a base mode connected to a base unit via said base  
36 connector and powered via said power connector, enabling a  
37 user to listen to selected digital music stored in said memory  
38 via said analog output connection and control listening volume  
39 via said volume control data.

1 37. (Previously Presented) The self-contained, portable music  
2 player of claim 36, wherein:  
3 said base connector further includes a station selection data  
4 output connection; and  
5 said data processor being further programmed in cooperation  
6 with said input device enabling a user to enter station selection  
7 data via said keypad, said data processor being further connected  
8 to said station selection data output connection of said base  
9 connector for communicating station selection data corresponding to  
10 inputs received from said input device via said station selection  
11 output connection.

1 38. (Previously Presented) A music system comprising:  
2 a self-contained, portable music player including  
3 a rechargeable battery pack for powering the music  
4 player,  
5 an input device including at least a keypad for receiving  
6 user inputs;  
7 an output device including a display;  
8 a memory capable of storing digital music in at least one  
9 compressed digital format,  
10 a data processor connected to said input device, said  
11 output device and said memory, said data processor programmed  
12 to decompress said digital music into uncompressed digital

13 music samples, said data processor further programmed in  
14 cooperation with said input device enabling a user to enter  
15 volume control data via said keypad,  
16 an audio coder-decoder connected to said data processor  
17 for receiving said uncompressed digital music samples from  
18 said data processor and converting said uncompressed digital  
19 music samples into analog music,  
20 a headset connector connected to said audio coder-decoder  
21 for supplying said analog music, and  
22 a first base connector including  
23 a first power connection connected to said  
24 rechargeable battery pack capable of receiving charging  
25 power,  
26 a player analog output connection connected to said  
27 audio coder-decoder for supplying said analog music, and  
28 a volume control data output connection for  
29 transmission of volume control data from the self-  
30 contained, portable music player; and  
31 a base unit including  
32 a second base connector including  
33 a second power connection for connection to said  
34 first power connection,  
35 an analog input connection for connection to said  
36 player analog output connection of said first base  
37 connector,  
38 a volume control data input connection for  
39 connection to said player volume control data output  
40 connection of said first base connector,  
41 a power source connected to said second power connection  
42 for supplying recharging power for said rechargeable battery  
43 pack,



44 a pre-amplifier having an input connected to said analog  
45 input connection and an output, said pre-amplifier further  
46 connected to said volume control data input connection and  
47 producing an amount of amplification corresponding to the  
48 volume control data,

49 a power amplifier having an input connected to said  
50 output of said pre-amplifier and an output,

51 a speaker system connected to said output of said power  
52 amplifier for reproducing sound corresponding to said output  
53 of said power amplifier,

54 said base unit having no input for volume control; and  
55 wherein the music system operates in

56 a portable mode wherein said self-contained, portable  
57 music player is disconnected from said base unit and powered  
58 by said rechargeable battery pack, enabling a user to listen  
59 to selected digital music stored in said memory via said  
60 headset connector, and

61 in a base mode wherein said self-contained, portable  
62 music player is connected to said base unit via said first  
63 base connector and said second base connector and powered from  
64 said power source, enabling a user to listen to selected  
65 digital music stored in said memory via said speaker system of  
66 said base unit and control listening volume via said volume  
67 control data.

1 39. (Previously Presented) The music system of claim 38,  
2 wherein:

3 said self-contained portable music player wherein

4 said first base connector further includes a station  
5 selection data output connection, and

6 said data processor being further programmed in  
7 cooperation with said input device enabling a user to enter

8 station selection data via said keypad, said data processor  
9 being further connected to said station selection data output  
10 connection of said first base connector for communicating  
11 station selection data corresponding to inputs received from  
12 said input device via said station selection output  
13 connection;  
14 said base unit wherein  
15 said second base connector further includes a station  
16 selection data input connection for connection to said player  
17 station selection data output connection of said first base  
18 connector,  
19 said base unit further including a tuner for receiving  
20 and demodulating analog audio signals and connected to said  
21 station selection data input connection of said second base  
22 connector for selecting a station corresponding to said  
23 station selection data; and  
24 said base unit having no input for station selection.

1 40. (Previously Presented) A base unit for use with a self-  
2 contained, portable music player comprising:  
3 a base connector including  
4 a power connection,  
5 an analog input connection for receiving an analog input,  
6 a volume control data input connection for receiving  
7 volume control data;  
8 a power source connected to said power connection for  
9 supplying recharging power for the self-contained, portable music  
10 player;  
11 a pre-amplifier having an input connected to said analog input  
12 connection and an output, said pre-amplifier further connected to  
13 said volume control data input connection and producing an amount  
14 of amplification corresponding to the volume control data;

15        a power amplifier having an input connected to said output of  
16 said pre-amplifier and an output;  
17        a speaker system connected to said output of said power  
18 amplifier for reproducing sound corresponding to said output of  
19 said power amplifier;  
20        said base unit having no input for volume control.

1        41.    (Previously Presented) The base unit of claim 40,  
2 wherein:  
3        said base connector further includes a station selection data  
4 input connection for receiving station selection data;  
5        said base unit further including a tuner for receiving and  
6 demodulating analog audio signals and connected to said station  
7 selection data input connection of said base connector for  
8 selecting a station corresponding to said station selection data;  
9 and  
10        said base unit having no input for station selection.

1        42.    (Previously Presented) A self-contained, portable music  
2 player comprising:  
3        a rechargeable battery pack for powering the music player;  
4        an input device including at least a keypad for receiving user  
5 inputs;  
6        an output device including a display;  
7        a memory capable of storing digital music in at least one  
8 compressed digital format;  
9        a data processor connected to said input device, said output  
10 device and said memory, said data processor programmed to  
11 decompress said digital music into uncompressed digital music  
12 samples, said data processor further programmed in cooperation with  
13 said input device enabling a user to enter station selection data  
14 via said keypad;

15 an audio coder-decoder connected to said data processor for  
16 receiving said uncompressed digital music samples from said data  
17 processor and converting said uncompressed digital music samples  
18 into analog music;

19 a headset connector connected to said audio coder-decoder for  
20 supplying said analog music; and

21 a base connector including

22 a power connection connected to said rechargeable battery  
23 pack capable of receiving charging power,

24 an analog output connection connected to said audio  
25 coder-decoder for supplying said analog music for  
26 amplification and reproduction via speakers, and

27 a station selection data output connection for  
28 transmission of station selection data from the self-  
29 contained, portable music player; and

30 wherein the self-contained, portable music player operates in

31 a portable mode disconnected from a base unit and powered  
32 by said rechargeable battery pack, enabling a user to listen  
33 to selected digital music stored in said memory via said  
34 headset connector, and

35 in a base mode connected to a base unit via said base  
36 connector and powered via said power connector, enabling a  
37 user to listen to selected digital music stored in said memory  
38 via said analog output connection and control station  
39 selection of a tuner via said station selection data.

1 43. (Previously Presented) A music system comprising:

2 a self-contained, portable music player including

3 a rechargeable battery pack for powering the music  
4 player,

5 an input device including at least a keypad for receiving  
6 user inputs;

7       an output device including a display;

8           a memory capable of storing digital music in at least one

9       compressed digital format,

10       a data processor connected to said input device, said

11       output device and said memory, said data processor programmed

12       to decompress said digital music into uncompressed digital

13       music samples, said data processor further programmed in

14       cooperation with said input device enabling a user to enter

15       station selection data via said keypad,

16       an audio coder-decoder connected to said data processor

17       for receiving said uncompressed digital music samples from

18       said data processor and converting said uncompressed digital

19       music samples into analog music,

20       a headset connector connected to said audio coder-decoder

21       for supplying said analog music, and

22       a first base connector including

23           a first power connection connected to said

24       rechargeable battery pack capable of receiving charging

25       power,

26           a player analog output connection connected to said

27       audio coder-decoder for supplying said analog music, and

28           a station selection data output connection for

29       transmission of station selection data from the self-

30       contained, portable music player; and

31       a base unit including

32           a second base connector including

33           a second power connection for connection to said

34       first power connection,

35           an analog input connection for connection to said

36       player analog output connection of said first base

37       connector,

38                   a station selection data input connection for  
39                   connection to said player station selection data output  
40                   connection of said first base connector,  
41                   a power source connected to said second power connection  
42                   for supplying recharging power for said rechargeable battery  
43                   pack,  
44                   a pre-amplifier having an input connected to said analog  
45                   input connection and an output,  
46                   a power amplifier having an input connected to said  
47                   output of said pre-amplifier and an output,  
48                   a speaker system connected to said output of said power  
49                   amplifier for reproducing sound corresponding to said output  
50                   of said power amplifier,  
51                   a tuner for receiving and demodulating analog audio  
52                   signals and connected to said station selection data input  
53                   connection of said second base connector for selecting a  
54                   station corresponding to said station selection data; and  
55                   said base unit having no input for station selection; and  
56                   wherein the music system operates in  
57                   a portable mode wherein said self-contained, portable  
58                   music player is disconnected from said base unit and powered  
59                   by said rechargeable battery pack, enabling a user to listen  
60                   to selected digital music stored in said memory via ~~an~~ said  
61                   headset connector, and  
62                   in a base mode wherein said self-contained, portable  
63                   music player is connected to said base unit via said first  
64                   base connector and said second base connector and powered from  
65                   said power source, enabling a user to listen to selected  
66                   digital music stored in said memory via said speaker system of  
67                   said base unit and control station selection of the tuner via  
68                   said station selection data entered via said portable music  
69                   player input device.

1           44. (Previously Presented) A base unit for use with a self-  
2 contained, portable music player comprising:  
3           a base connector including  
4               a power connection,  
5               an analog input connection for receiving an analog input,  
6               a station selection data input connection for receiving  
7               station selection data;  
8           a power source connected to said power connection for  
9 supplying recharging power for the self-contained, portable music  
10 player;  
11          a pre-amplifier having an input connected to said analog input  
12 connection and an output;  
13          a power amplifier having an input connected to said output of  
14 said pre-amplifier and an output;  
15          a speaker system connected to said output of said power  
16 amplifier for reproducing sound corresponding to said output of  
17 said power amplifier;  
18          a tuner for receiving and demodulating analog audio signals  
19 and connected to said station selection data input connection of  
20 said base connector for selecting a station corresponding to said  
21 station selection data; and  
22          said base unit having no input for station selection.